BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
otal	R:29,89,081-00		
	IT- 59782-00		
	CM- 29891-00		
	CBF- 2989-00		
	LR- 62704-00		
	FSD- 149454-00		
	CGST- 26688-00		
	SGST 26688-00		
	Fine 5775-00		
	Adju 363971-00		
	Cheque 265610-00		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496325

Serial No. Premeasurements:
Name of Work Improvements to roads ~~From~~ and drains in ~~To~~ Jakkur layout and surrounding ~~areas~~ in ward no:07- byatarayanapura.
Name of Contractor or nature of Agency ↳ M/S. KRIDL
Date of commencement of work

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Est cost:-	Rs. 100.00 lakhs.					
	Job Number:-	007-19-000007					
	Head of account:-	P1878					
	A.S NO:-	AS|EE|BTP|36|18-19, dt: 30.11.18					
	T.S.NO:-	TS|CE(YNK)|100|18-19; dt: 30.11.18					
	work-order amount=	Rs. 99,97,728.23/- (including KRIDL charges)					

MEASUREMENT BOOK

MAIN - BILL :-

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No. 01:-	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m and an average lift upto 1.5m, excavated surface and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete.,						
	Qty vide page no 496327 →			1162.80			
	At the rate of Rs. 137.80 →					160233.80	
Item No. 02:-	construction of embankment with material gravel / murrum with approved material gravel / murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement complete as per						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	specifications.	
	Qty vide page no.	4
	At the rate of Rs.	34
Item No. 03:-	Providing and l	
	mix 1:4:8 with OPC @ 22	
	machine mixed, concrete l	
	compacted in foundation	
	HOM of machinery, cupin	

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
			nual means in ordinary al throw upto 2m and dep surface and sides neatly lled neatly after
			62.80 cum
			160233.80
			material gravel / murrum um with all lifts and , grading to required irement complete as per

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496338

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	specifications. Qty vide page no At the rate of Rs.	496338 → 344.50 →		189.0 cum			65116.50
	Item No. 03:- Providing and laying in position plain cement concrete of nominal mix 1:4:8 with OPC @ 220 kgs with 40mm and down size graded metal machine mixed, concrete laid in layers not exceeding 15cms, thwell compacted in foundation and plinth, including cost of all materials, HSM of machinery, curing as per specifications.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide page no. 496332 →			238.35 cum			
	At the rate of Rs. 5408.12 →					1289025.40	
	Item No. 05:- Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and for welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete.,						
	Qty vide page no. 496335 →			18.60 tonne			
	At the rate of Rs. 75213.96 →					1399165.66	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agenc
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No. 06:- Providing etc, for columns, p rectangular slabs labour complete
	Qty vide pa
	At the rate

	Contents 7	Reference to last Measurement 8
pth 6		
ure		128 9025.40
	.c.c work including placing in position, col, tying with ining members	
	tonne	1399165.66

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496339

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. 06:- Providing and removing centering, shuttering, strutting, propping etc, for columns, pillars, piers, abutments, post and struts, square/ rectangular slabs/ sidewalls polygon in plan including cost of materials, labours complete as per specification.						
	Qty vide page no. 496337 →				2612.40 sqm		
	At the rate of Rs. 483.36 →						1262729.66

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No 04 :- Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.8 cum and fine aggregates @ 0.459 cum with superplasticizers @ 3% by weight conforming to IS, machine mixed, concrete laid in layers not exceeding 15cms-th, vibrated for all works in foundations plinth and ground level for roof slabs, staircase lintels, retaining wall return walls, (any thickness) including attached plasters columns piers abutments pillar posts struts etc, including cost of all materials.,						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	RCC-DRAIN - BOTTOM gth'd cross: 0-30 30-60 60-9 90-10 FC. 10th cross:- 0-3 30-6 60-9 90-1

OOK

Depth 6	Contents 7	Reference to last Measurement 8
einforced cement concrete		
ookgs with 20mm and		
e aggregates @0.87Rcum		
th superplasticizer @3%		
te laid in layers not		
osts in foundations		
staircase lintels,		
nkes) including attached		
rs posts struts etc,		

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496340

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	RCC-DRAIN - BOTTOM.						
	9th 'A' cross:	0-30	2.0	30.0	0.75	0.15 = 6.75	
		30-60	2.0	30.0	0.75	0.15 = 6.75	
		60-90	2.0	30.0	0.75	0.15 = 6.75	
		90-105	2.0	15.0	0.75	0.15 = 3.38	
						23.63 cum	
	10th 'A' cross:-	0-30	2.0	30.0	0.75	0.15 = 6.75	
		30-60	2.0	30.0	0.75	0.15 = 6.75	
		60-90	2.0	30.0	0.75	0.15 = 6.75	
		90-115	2.0	25.0	0.75	0.15 = 5.63	
						25.88 cum	
						49.51	

MEASUREMENT BOOK

Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth	49.51	
1	2		3	4	5	6	7	8
	11th 'D' cross:-	0-30	2·0	30·0	0·75	0·15	= 6·75	
		30-60	2·0	30·0	0·75	0·15	= 6·75	
		60-85	2·0	25·0	0·75	0·15	= 5·63	
							19·13 cum	
	8th 'D' cross:-	0-30	01	30·0	0·75	0·15	= 3·38	
		30-60	01	30·0	0·75	0·15	= 3·38	
	C&FC.	60-79	01	19·0	0·75	0·15	= 2·14	
		0-28	01	28·0	0·75	0·15	= 3·15	
	n.g. (01/02)	0-30	01	30·0	0·75	0·15	= 3·38	
		30-60	01	30·0	0·75	0·15	= 3·38	
							18·79 cum	
	9th 'D' cross:-	0-30	02	30·0	0·75	0·15	= 6·75	
		30-60	02	30·0	0·75	0·15	= 6·75	
		60-75	02	15·0	0·75	0·15	= 3·38	
							16·88 cum	
							1c 4·31	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
	W0132:-	0-30
		30-60
		60-90
		90-120
	C&FC.	120-13
	n.g. (01/02)	
	SIDEWALL:-	
	9th 'D' cross:-	0-30
		30-60

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.15	= 6.75	
0.15	= 6.75	
0.15	= 5.63	
	19.13 cum	
0.15	= 3.38	
0.15	= 3.38	
0.15	= 2.14	
0.15	= 3.15	
0.15	= 3.38	
0.15	= 3.38	
	18.79 cum	
0.15	= 6.75	
0.15	= 6.75	
0.15	= 3.38	
	16.88 cum	

104.31

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496341

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	W0132:-					104.31	
	0-30	01	30.0	0.75	0.15	= 3.38	
	30-60	01	30.0	0.75	0.15	= 3.38	
	60-90	01	30.0	0.75	0.15	= 3.38	
	90-120	01	30.0	0.75	0.15	= 3.38	
	120-133	01	13.0	0.75	0.15	= 1.46	
						14.96	
	C/FC.						
	n.e. (0.30)				Total (D) →	119.25 cum	
	SIDEWALL:-						
	9th 'D' cross:-						
	0-30	2×2	30.0	0.15	0.60	= 10.80	
	30-60	2×2	30.0	0.15	0.60	= 10.80	
						140.85	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	140.85	
1	2	3	4	5	6	7	8
		2x1	30.0	0.15	0.60	= 10.80	
	60-90	2x2	15.0	0.15	0.60	= 5.40	
	90-105					37.80 cum	
	10th 'A' cross:-						
	0-30	2x2	30.0	0.15	0.60	= 10.80	
	30-60	2x2	30.0	0.15	0.60	= 10.80	
	60-90	2x2	30.0	0.15	0.60	= 10.80	
	90-115	2x2	25.0	0.15	0.60	= 9.00	
						41.40 cum	
	11th 'A' cross:-						
	0-30	2x2	30.0	0.15	0.60	= 10.80	
	30-60	2x2	30.0	0.15	0.60	= 10.80	
	60-85	2x2	25.0	0.15	0.60	= 9.00	
						30.60 cum	
						229.05	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ...

Date	Full description, etc, of w
1	2
	8th 'B' cross:-
	9th 'B' cross:-

OOK

Depth 6	Contents 7	Reference to last Measurement 8
0·60 = 10·80	140·85	
0·60 = 5·40		
37·80 cum		
0·60 = 10·80		
0·60 = 10·80		
0·60 = 10·80		
0·60 = 9·00		
41·40 cum		
0·60 = 10·80		
0·60 = 10·80		
0·60 = 9·00		
30·60 cum		
229·05		

M. A. R. 57 (Rule 116)
Measurement Book

No. B
496342

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	8th 'B' cross:- 0-30	01×2	30·0	0·15	0·60	= 5·40	
	30-60	01×2	30·0	0·15	0·60	= 5·40	
	60-79	01×2	19·0	0·15	0·60	= 3·42	
	0-28	01×2	28·0	0·15	0·60	= 5·04	
	0-30	01×2	30·0	0·15	0·60	= 5·40	
	30-60	01×2	30·0	0·15	0·60	= 5·40	
	C&FC @ 01/02					30·06 cum	
	9th 'B' cross:- 0-30	2×2	30·0	0·15	0·60	= 10·80	
	30-60	2×2	30·0	0·15	0·60	= 10·80	
	60-75	2×2	15·0	0·15	0·60	= 5·40	
						27·0 cum	
						286·11	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	286.11	
1	2	3	4	5	6	7	8
	WO132:-						
	0-30	1×2	30.0	0.15	0.60	= 5.40	
	30-60	1×2	30.0	0.15	0.60	= 5.40	
	60-90	1×2	30.0	0.15	0.60	= 5.40	
	90-120	1×2	30.0	0.15	0.60	= 5.40	
	120-133	1×2	13.0	0.15	0.60	= 2.34	
						23.94 cum	
					Total (B) =	190.80 cum	
				Total (A+B) =		310.05 cum	
	At the rate of Rs.	5998.54 →					1859847.33

C/F &
01/02

E.E. (W.S.D)

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No.08:- Providing an using reinforced cem and down size includ bending machine mix well compacted cost
	9th 'A' cross:- 0-30
	30-60
	60-90
	90-105

C/F &
01/02

E.E. (W.S.D)

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	286.11 7	8
15	0.60	= 5.40	
15	0.60	= 5.40	
15	0.60	= 5.40	
15	0.60	= 5.40	
15	0.60	= 2.34	
		23.94 cum	
Total (B) =		190.80 cum	
B) =		310.05 cum	
		1859847.33	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496343

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No.08:- Providing and fixing 10cms thick pre-cast RCC coering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centering, shuttering reinforcement and bar bending machine mixed concrete laid in layer not exceeding 15cm-th well compacted cost of all materials labours curing complete.,						
	9-th 'A' cross:- 0-30	2	70.0	0.60	0.75	= 63.0	
	30-60	2	70.0	0.60	0.75	= 63.0	
	60-90	2	70.0	0.60	0.75	= 63.0	
	90-105	2	35.0	0.60	0.75	= 31.50	
						220.50 sqm	

MEASUREMENT BOOK

Date	Full description, etc, of work		Dimensions				Contents 220.50	Reference to last Measurement
			Number	Length	Breadth	Depth		
1	2		3	4	5	6	7	8
	10th 'A' class:-	0-30	02	70.0	0.60	0.75	= 63.0	
		30-60	02	70.0	0.60	0.75	= 63.0	
		60-90	02	70.0	0.60	0.75	= 63.0	
		90-115	02	60.0	0.60	0.75	= 54.0	
							243.00 Sqm	
	11th 'A' class:-	0-30	02	80.0	0.60	0.75	= 72.0	
		30-60	02	80.0	0.60	0.75	= 72.0	
		60-85	02	65.0	0.60	0.75	= 58.50	
							202.50 Sqm	
	8th 'B' class:-	0-30	01	45.0	0.60	0.75	= 20.25	
		30-60	01	45.0	0.60	0.75	= 20.25	
		60-79	01	30.0	0.60	0.75	= 13.50	
		0-18	01	40.0	0.60	0.75	= 18.0	
		0-30	01	40.0	0.60	0.75	= 18.0	

C/FR

n.e. (Prof)

01/02

756-C

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work	
1	2	
		30-60
	9th 'B' class:-	0-30
		30-60
		60-75
	600132:-	0-30
		30-60
		60-90
		90-12

BOOK

s adth 5	Depth 6	Contents 220.50 7	Reference to last Measurement 8
60	0.75	= 63.0	
60	0.75	= 63.0	
60	0.75	= 63.0	
60	0.75	= 54.0	
		243.00 sqm	
·60	0.75	= 72.0	
·60	0.75	= 72.0	
·60	0.75	= 58.50	
		202.50 sqm	
·60	0.75	= 20.25	
·60	0.75	= 20.25	
·60	0.75	= 13.50	
0.60	0.75	= 18.0	
0.60	0.75	= 18.0	

756-2

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496344

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2		Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 756.6 7	Reference to last Measurement 8
		30-60	01	40.0	0.60	0.75	= 18.0	
							108.00 sqm	
	9-th'PS Cross:-	0-30	02	55.0	0.60	0.75	= 49.50	
		30-60	02	68.0	0.60	0.75	= 61.20	
		60-75	02	30.0	0.60	0.75	= 27.00	
							137.70 sqm	
	W00132:-	0-30	01	30.0	0.60	0.75	= 13.50	
		30-60	01	30.0	0.60	0.75	= 13.50	
		60-90	01	30.0	0.60	0.75	= 13.50	
		90-120	01	30.0	0.60	0.75	= 13.50	
							965.70	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	120-133	01	15.0	0.60	0.75	= 6.75	
						60.75 sqm	
						Total = 972.45 sqm	
	Qty ltd to 972.0 sqm.						
	At the rate of Rs. 2100.00 →						2041200.00
	Item No. :- Providing and fixing MS grating.						
	9th 'A' cross	20	-	-	-	= 20	
	10th 'A' cross	15	-	-	-	= 15	
	11th 'A' cross	10	-	-	-	= 10	
	8th 'B' cross	12	-	-	-	= 12	
	9th 'B' cross	12	-	-	-	= 12	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2
	No 132
	At the rat
	Item No 007. - Providi
	1:2:4 with cemen
	metal coarse a
	machine mixed
	compacted in fo

OK

Depth 6	Contents 7	Reference to last Measurement 8
0·75 =	6·75	
	60·75 sqm	
2·45 sqm		
		20412200·00
-	= 20	
-	= 15	
-	= 10	
-	= 12	
-	= 12	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496345

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	No 132	15	-	-	-	15	
						84 nos	
	At the rate of Rs. 89.84 →						7546·56
	Item No 07. - Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0·69 cum and fine aggregates @ 0·459 cum machine mixed concrete laid in layers not exceeding 15cms, th well compacted in foundation, plinth and cills including cost of all materials,						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	labour, curing complete as per specification,						
	9th 'A' cross:- 0-30	2	28.0	0.20	0.10	= 1.12	
	30-60	2	28.0	0.20	0.10	= 1.12	
	60-90	2	29.0	0.20	0.10	= 1.16	
	90-105	2	8.0	0.20	0.10	= 0.32	
						3.72 cum	
	10th 'A' cross:- 0-30	2	25.0	0.20	0.10	= 1.0	
	30-60	2	25.0	0.20	0.10	= 1.0	
	60-90	2	25.0	0.20	0.10	= 1.0	
	90-115	2	18.0	0.20	0.10	= 0.72	
						3.72 cum	
	11th 'A' cross:- 0-30	2	25.0	0.20	0.10	= 1.0	
	30-60	2	25.0	0.20	0.10	= 1.0	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	60-85
	8th 'B' cross:- 0-30
	30-60
	60-79
	0-28
	0-30
	30-60

T BOOK.

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
pecification			
0·20	0·10	= 1·12	
0·20	0·10	= 1·12	
0·20	0·10	= 1·16	
0·20	0·10	= 0·32	
		3·72 cum	
0·20	0·10	= 1·0	
0·20	0·10	= 1·0	
0·20	0·10	= 1·0	
0·20	0·10	= 0·72	
		3·72 cum	
0·20	0·10	= 1·0	
0·20	0·10	= 1·0	
		9.44	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496346

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 9.44 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	60-85	2	18·0	0·20	0·10	= 0·72	
						2.72 cum	
	8 th 'B' cross:-						
	0-30	01	25·0	0·20	0·10	= 0·50	
	30-60	01	25·0	0·20	0·10	= 0·50	
	60-79	01	15·0	0·20	0·10	= 0·30	
	0-28	01	25·0	0·20	0·10	= 0·50	
	0-30	01	25·0	0·20	0·10	= 0·50	
	30-60	01	25·0	0·20	0·10	= 0·50	
						2·80 cum	
						12·96	

MEASUREMENT BOOK

Date	Full description, etc, of work		Dimensions				Contents	Reference to last Measurement
			Number	Length	Breadth	Depth	12.96	
1	2		3	4	5	6	7	8
	9th 'B' cross:-	0-30	2	25.0	0.20	0.10	= 1.0	
		30-60	2	25.0	0.20	0.10	= 1.0	
		60-75	2	10.0	0.20	0.10	= 0.4	
							2.40 cum	
	No 132:-	0-30	01	25.0	0.20	0.10	= 0.50	
		30-60	01	25.0	0.20	0.10	= 0.50	
		60-90	01	25.0	0.20	0.10	= 0.50	
		90-120	01	25.0	0.20	0.10	= 0.50	
		120-133	01	13.0	0.20	0.15	= 0.40	
							2.40 cum	
						Total=	17.76 cum	
	Qty Ltd to 16.40 cum							
	@ the rate of Rs.	5747.32					94256.05	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Nu
1	2	
	Item No 10:- Constructing	
	Using grade concrete M3	
	at 0.69 cum, fine agg	
	confirming to IS-383	
	IS 9103-2008, mixed in	
	capacity, finished	
	portion of contraction	
	joints, including groove	

OOK

Depth 6	Contents 12.96 7	Reference to last Measurement 8
0.10	= 1.0	
0.10	= 1.0	
0.10	= 0.4	
	2.40 cum	
0.10	= 0.50	
0.10	= 0.50	
0.10	= 0.50	
0.10	= 0.50	
0.15	= 0.40	
	2.40 cum	
Total=	17.76 cum	
	94256.05	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496347

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No 10:- Constructing un-reinforced, plain cement concrete for pavements using grade concrete M30 over prepared base with OPC coarse aggregate at 0.69 cum, fine aggregate at 0.46 cum coarse and fine aggregate confirming to IS-383-2016 with superplastizer at 3lts confirming to IS 9103-2008, mixed in a concrete mixes of not less than 0.6 cum capacity, finished with floaters in continous operation including provision of contraction, expansion, construction and longitudinal joints, including groove-cutting.,						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Aswathappa compound main road:						
	0-15	01	15.0	5.00	0.10	= 7.50	
	15-30	01	15.0	6.30	0.10	= 9.45	
	30-36	01	6.0	7.50	0.10	= 4.50	
						21.45 cum	
	0-15	01	15.0	5.20	0.10	= 7.80	
	15-30	01	15.0	5.20	0.10	= 7.80	
	30-45	01	15.0	5.30	0.10	= 7.95	
	45-60	01	15.0	5.80	0.10	= 8.70	
	60-78	01	18.0	5.20	0.10	= 9.36	
						41.61 cum	
				Total=		63.06 cum	
	Qty Ltd to 63.0 cum At the rate of Rs.		5210.96				328290.48

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item No. :- loading c
	card | kanter moore
	Qty vide Item
	At the rate

Assistant Executive Engin
Kodigehalli Sub Divisio
Yelahanka Zone, B.B.M
Bangalore

OOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
00	0.10	= 7.50	
00	0.10	= 9.45	
50	0.10	= 4.50	
		21.45 cum	
20	0.10	= 7.80	
20	0.10	= 7.80	
30	0.10	= 7.95	
80	0.10	= 8.70	
20	0.10	= 9.36	
		41.61 cum	
al=		63.06 cum	328290.48

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496348

Serial No. ..... From..... To.....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No. :- loading and unloading of stone boulders (stone aggregates)						
	Card (Kanter moorum.)						
	Qty vide Item no. 01 →					1162.80 cum.	109698.55
	At the rate of Rs. 94.34 →						
						Subtotal=	8617104.03
						Add 12% GST charges=	1034052.48
						Add 4% KRIDL charges	=344684.16
						Grand total=	9995840.67

Clpk
Asst Exec Engr 29/1/15
Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore
AE(E) 01/2/15

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1) Certified that contractor has done the work satisfactorily 2) certified that debris has been removed from work spot. Abhijith.N.D AE(Civil) Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bangalore.						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Ayyap temple Abhijith.N.D AE(Civil)

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
the work satisfactorily			
removed from work spot.			
Junior's			
ngineer,			
vision,			
B.M.P.,			

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496349

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	11th cross (2x85m)						
	10th cross		(2x115m)				
	9th cross			(2x105)			
	☒ Ayyappa temple.					☒ Omshakthi temple.	
				(2x35) 9th cross	8th cross (2x45)	towards Amruthahalli	
	Dobbalf N.D AE (Retd)						

INDEX
RCC drain

Assistant Executive Engineer,
Kodigehalli Sub Division,

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Royalty statement.	Coeff of Jelly	qty	Coeff of sand.	qty		
Sl-No.	Item.						
03.	40mm = 238.35 cum	0.96	228.82	0.48	114.40		
04.	M20 = 310.05 cum	0.90	279.0	0.45	139.50		
05	20mm = 16.40 cum	0.90	14.75	0.45	7.38		
10	M20 (RMC) = 63 cum	0.85	53.55	0.416	26.20		
	Total=		576.12		287.48		
	Abstract:-						
	1) Coarse aggregate:	576.12 x 105			cum =	60492.60	
	2) Fine aggregate:	287.48 x 103			cum =	29610.40	
					Total=	90103.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Age
Date of commencement of work .....

Date	Full description, etc, of wo
1	2

BOOK

dth	Depth 6	Contents 7	Reference to last Measurement 8
	bb. dly anol.		
8	114.40		
5	139.50		
5	7.38		
16	26.20		
	287.48		
) =	60492.60		
um -	29610.40		
le	90103.00		

M ule 116)
Book **No. B**

496350

Serial No. .....
Name of Work ..... F ..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 99,95,840-00 ಗಳನ್ನು ಮಾಡಿದೆ: ಇದರಲ್ಲಿ ರೂ 1078264-00 ಹೊರಟು ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 8917,576-00 Rs: Eighty nine Lakh Seventeen Thousand Five Hundred Seventy Six only ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 01/02 ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬೃ.ಬೆ.ಮ.ಪ 01/02 ಕಾ ಪಾ ಅ 01/02 ಕಾರ್ಯ ಪಾಲನಾ ಅ ಬೃ.ಬೆ.ಮ.ಪ					Total Rs: 99,95,840-00 IT - 199917-00 Cess - 99958-00 CBF - 9996-00 LR - 90103-00 FSD - 499792-00 CGST - 89249-00 SGST - 89249-00 Adju - 10,78,264-00 Cheque: 8917,576-00	